

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

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CATEGORY: Ionization Smoke Detector (Single/Multiple)

LISTEE: Eyston Co., Ltd., 7A Gwynns Mill Court, Owings Mills, MD 21117
Contact: Stephen Babinec (410) 363-3000 *FAX (410) 363-2218

DESIGN: Models SD-170, SD-170B, SD-175, SD-175B, SD-185 and SD-190 ionization smoke detectors. Models SD-170, -170B, -175 and -175B are single station, battery operated detectors. Models SD-185, -190 are single and multiple station, AC powered detectors. Model SD-190 is also equipped with a battery back-up. Refer to listee's data sheet for additional detailed product description and operational considerations.

RATING: SD-170, -170B, -175, -175B: 9VDC
SD-185, -190: 120 VAC

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes & ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number, electrical rating and UL label.

APPROVAL: Listed as single and single/multiple station ionization smoke detectors.

These units can generate a distinctive temporal code pattern fire alarm signal in accordance with NFPA 72, 1999 Edition. Refer to listee's Installation Instructions Manual for details.

NOTE: The ionization type detectors are generally more effective at detecting fast, flaming fires which consume combustible materials rapidly and spread quickly. Sources of these fires may include paper burning in a waste container or a grease fire in the kitchen. The photoelectric type detectors are generally more effective at detecting slow, smoldering fires which smolder for hours before bursting into flame. Sources of these fires may include cigarettes burning in couches or bedding.

XLf: 7256-0899:108

*Rev. 11-05-2002



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **JUNE 22, 2004**

*Listing Expires **June 30, 2005***

Authorized By: **DIANE K. AREND, Senior Deputy
Program Manager**